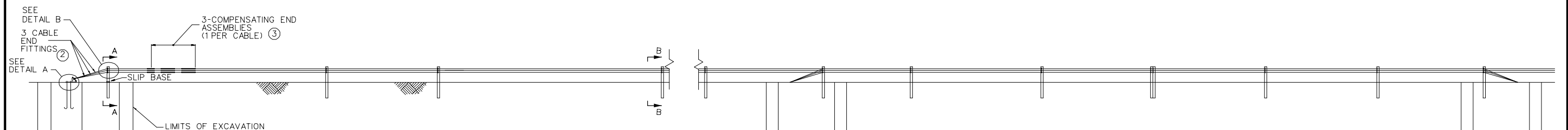


TYPICAL TERMINAL SECTION

MEDIAN INSTALLATION PLAN

TYPICAL INTERMEDIATE TERMINAL SECTIONS



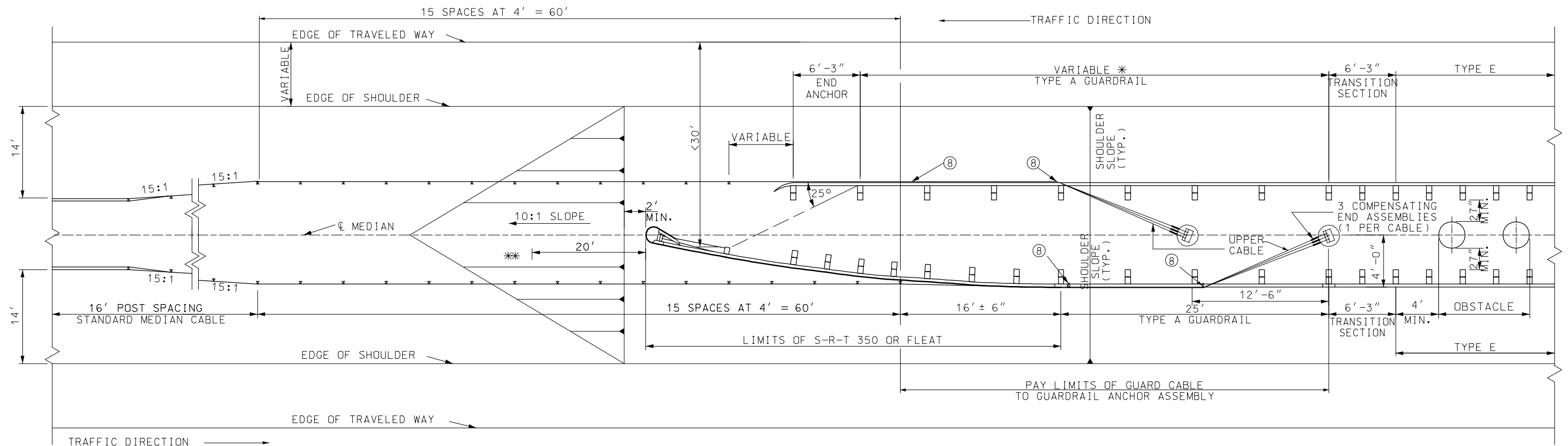
MEDIAN ELEVATION

GENERAL NOTES:

IN THE EVENT THE NORMAL 16' POST SPACING WOULD PLACE A POST ON A DROP INLET, THE SPACING OF THE TWO POSTS IMMEDIATELY PRECEDING THE INLET SHALL BE REDUCED SUCH THAT THE FOLLOWING POST CLEARS THE INLET. EACH SUBSEQUENT POST SHALL BE SPACED AT 16'. IN NO CASE SHALL THE SPACING EXCEED 16'.

IN THE EVENT A LONGITUDINAL MEDIAN PIPE IS ENCOUNTERED THE CABLE SHALL BE PLACED PARALLEL TO THE PIPE AT A MINIMUM OFFSET OF 12". THE OFFSET SHALL BE ACHIEVED BY A MINIMUM 16:1 TAPER ON THE UPSTREAM AND DOWNSTREAM END OF THE PIPE.

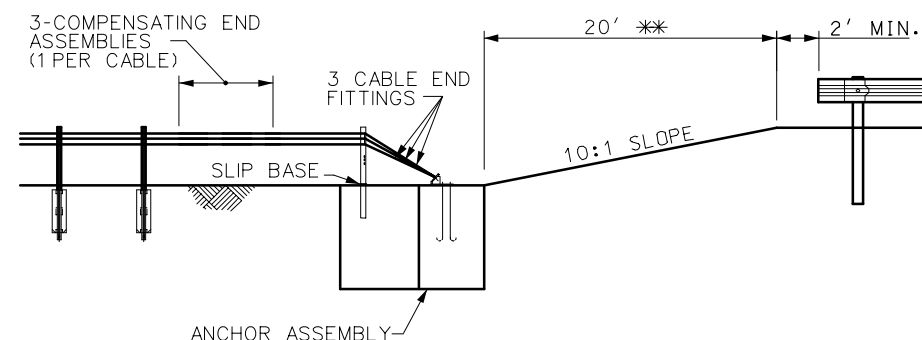
MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		<b>THREE-STRAND GUARD CABLE MEDIAN APPLICATION</b>	
DATE: _____	EFFECTIVE: 01-01-2005	606.41J	1/6



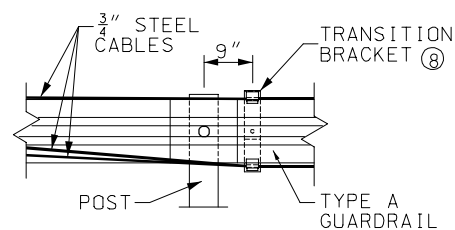
## GUARD CABLE TO GUARDRAIL TRANSITION AT MEDIAN OBSTACLE

\* VARY LENGTH TO ACHIEVE 25° DEFLECTION TO SECOND POST OF S-R-T 350 OR FLEAT.

\*\* IF GUARD CABLE IS USED WITH BULLNOSE GUARDRAIL SYSTEM, OR A CRASHWORTHY END TERMINAL ON A MEDIAN LESS THAN 60' IN WIDTH, THE CABLE ANCHORAGE SHALL BE PLACED ON THE MEDIAN CENTERLINE 20' FROM THE NOSE OF THE CRASHWORTHY END TERMINAL OR BULLNOSE GUARDRAIL SYSTEM.

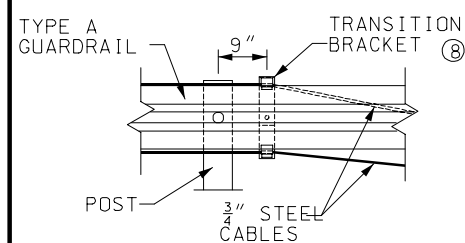


## PROFILE OF TRANSITION AT MEDIAN OBSTACLE WITH BULLNOSE OR IN A MEDIAN NARROWER THAN 60' \*\*

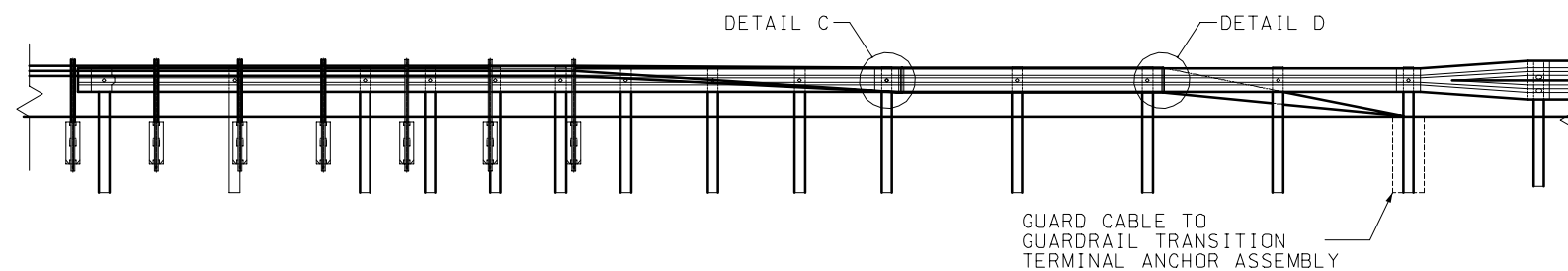


DETAIL C

FOR DETAIL ⑧ SEE SHEET 5 OF 6.



DETAIL D



## TYPICAL GUARD CABLE TO GUARDRAIL TRANSITION ELEVATION

### GENERAL NOTES:

WHEN GUARD CABLE IS LOCATED ALONG THE MEDIAN CENTERLINE NEAR A BRIDGE END OR CONCRETE BARRIER, IT SHALL BE ANCHORED BEHIND THE GUARDRAIL ASSEMBLY WITH THE GUARD CABLE ANCHOR ASSEMBLY. THE GUARD CABLE ANCHOR SHALL BE CONSTRUCTED SO THAT IT IS PROTECTED BY THE GUARDRAIL.

THIS DRAWING DEPICTS OPTIONS FOR THE ATTACHMENT OF GUARD CABLE TO GUARDRAIL. IT DOES NOT INDICATE THAT TWO RUNS OF CABLE ARE REQUIRED.

SUITABLE DRAINAGE MUST BE PROVIDED WHEN MEDIAN GRADING IMPEDES NORMAL FLOW.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION

## THREE-STRAND GUARD CABLE

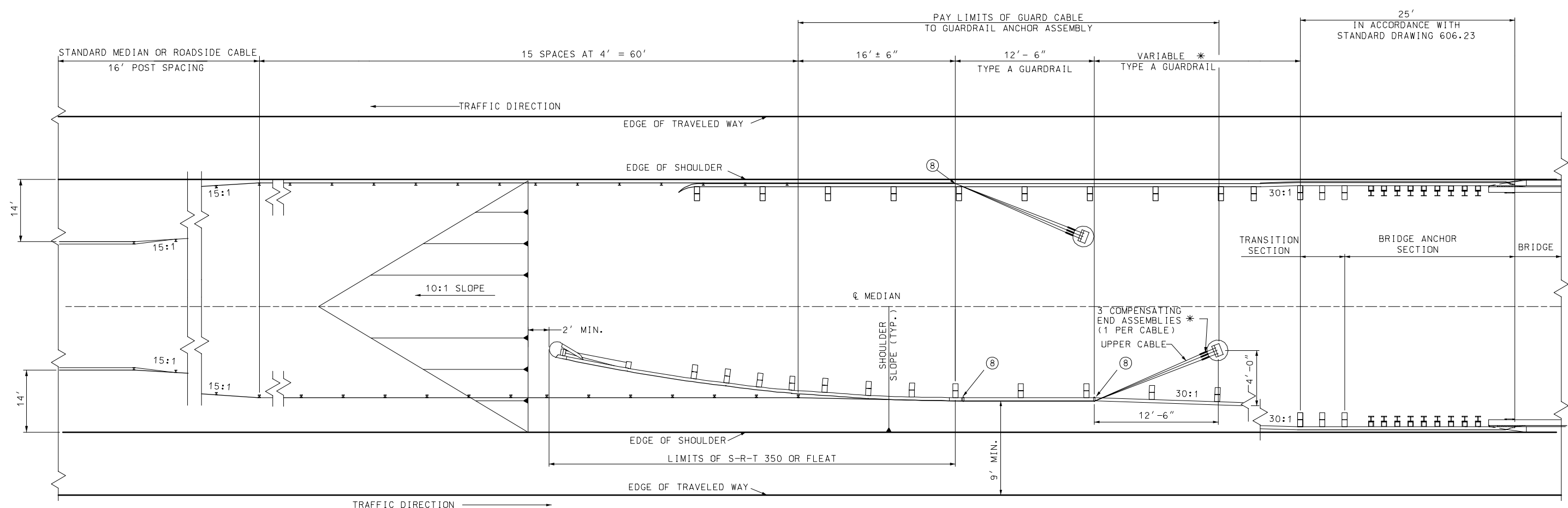
DATE: \_\_\_\_\_

EFFECTIVE: 01-01-2005

606.41J

2  
6

\* LENGTH VARIES ACCORDING TO 30:1 TRANSITION LENGTH  
NEEDED TO ACHIEVE 9' MIN. OFFSET FROM EDGE OF  
TRAVELED WAY.



**GUARD CABLE TO GUARDRAIL TRANSITION AT MEDIAN BRIDGE END**

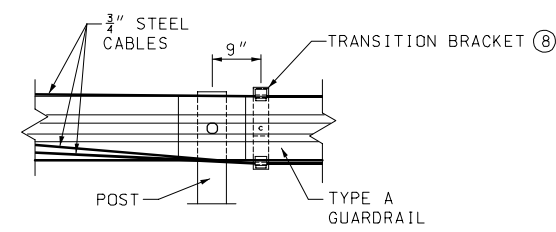
**GENERAL NOTES:**

WHEN GUARD CABLE IS LOCATED ALONG THE MEDIAN CENTERLINE NEAR A BRIDGE END OR CONCRETE BARRIER, IT SHALL BE ANCHORED BEHIND THE GUARDRAIL ASSEMBLY WITH THE GUARD CABLE ANCHOR ASSEMBLY. THE GUARD CABLE ANCHOR SHALL BE CONSTRUCTED SO THAT IT IS PROTECTED BY THE GUARDRAIL.

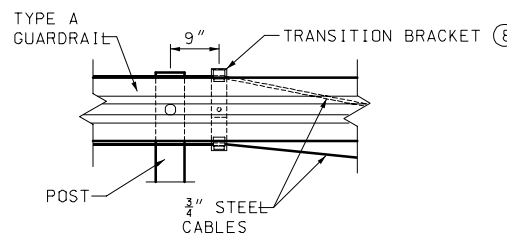
THIS DRAWING DEPICTS OPTIONS FOR THE ATTACHMENT OF GUARD CABLE TO GUARDRAIL. IT DOES NOT INDICATE THAT TWO RUNS OF CABLE ARE REQUIRED.

SUITABLE DRAINAGE MUST BE PROVIDED WHEN MEDIAN GRADING IMPEDES NORMAL FLOW.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
<b>THREE-STRAND GUARD CABLE</b>			
DATE: _____	EFFECTIVE: 01-01-2005	<b>606.41J</b>	<b>3</b> <b>6</b>

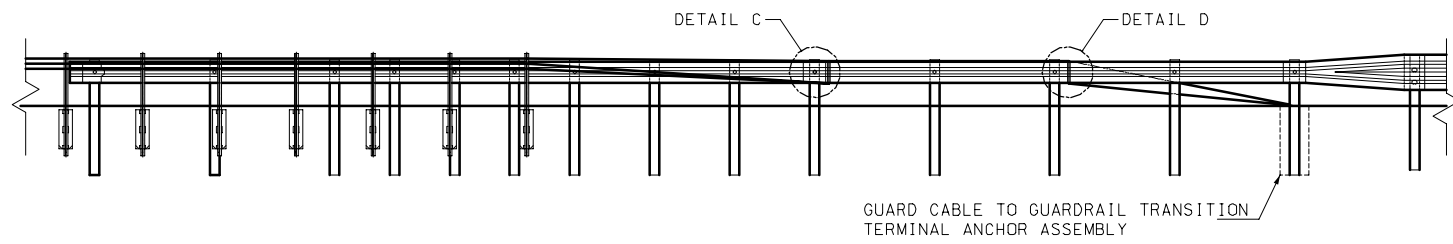


**DETAIL C**



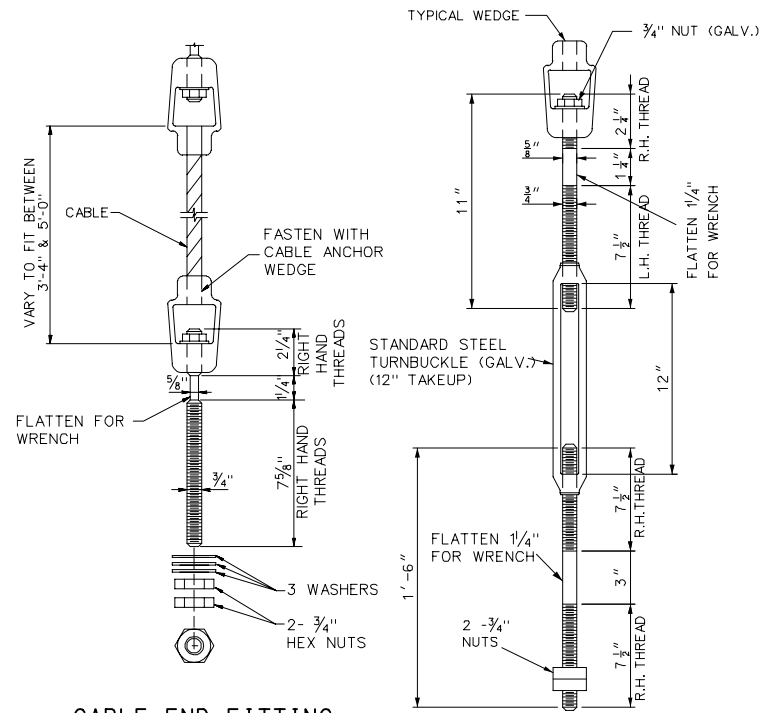
**DETAIL D**

FOR DETAIL (8)  
SEE SHEET 5 OF 5.



**TYPICAL GUARD CABLE TO GUARDRAIL TRANSITION ELEVATION**

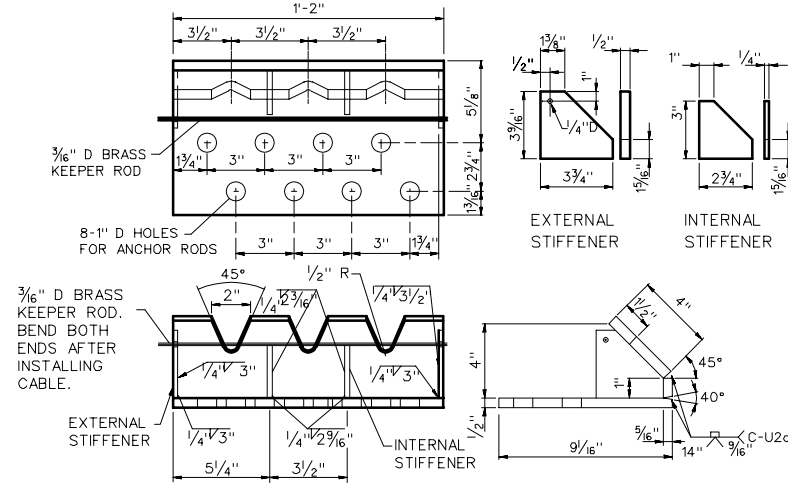
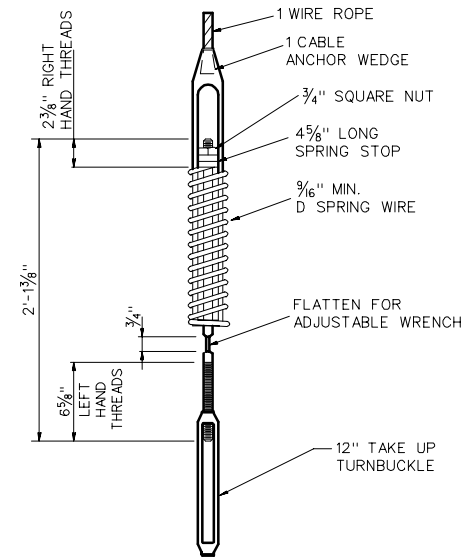




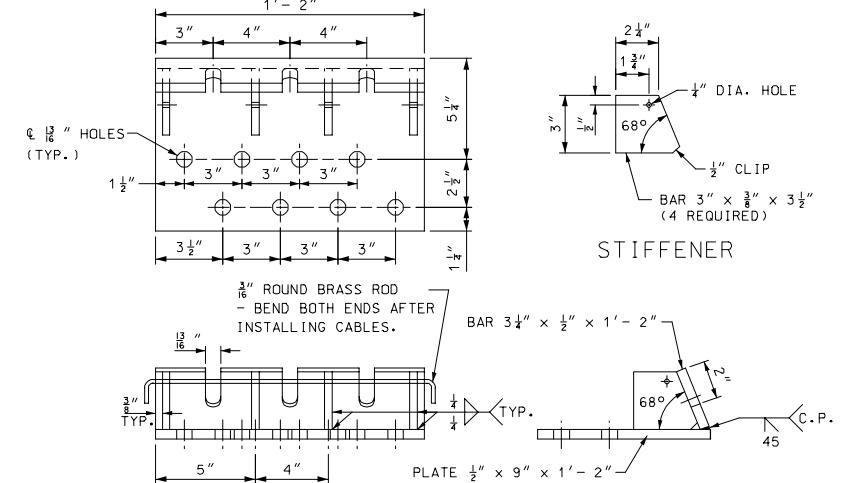
CABLE END FITTING

TURNBUCKLE CABLE END ASSEMBLY

③ COMPENSATING CABLE END ASSEMBLY

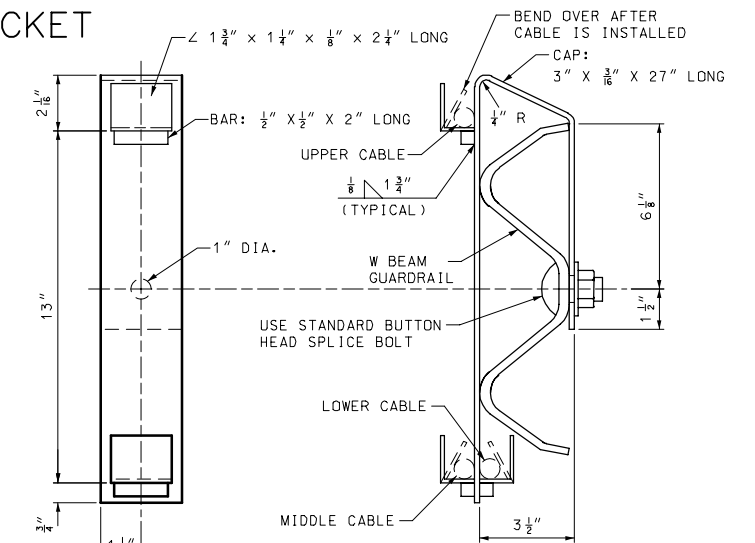


MEDIAN & ROADSIDE CABLE

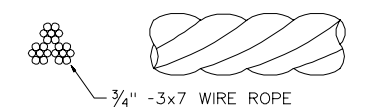


GUARD CABLE TO GUARDRAIL TRANSITION

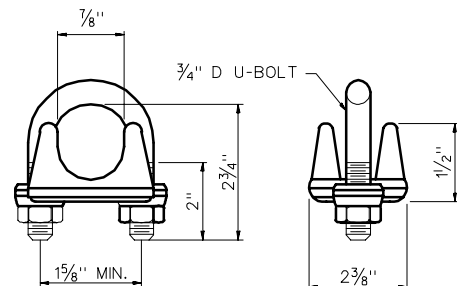
④ ANCHOR BRACKET



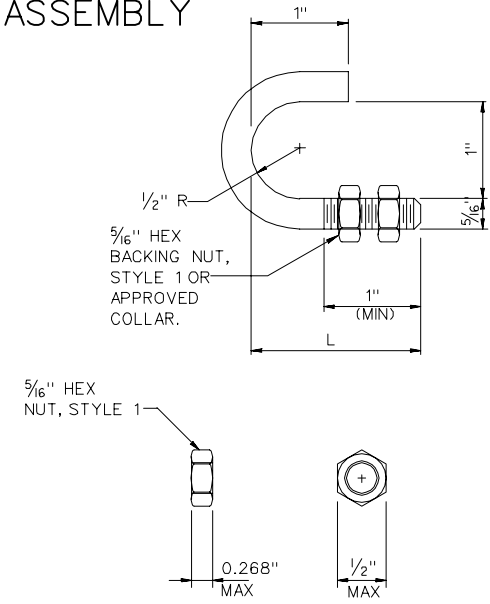
⑧ CABLE TRANSITION BRACKET



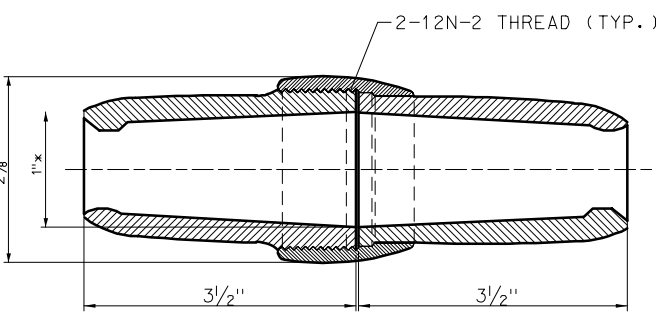
① WIRE ROPE



⑤ U-BOLT CABLE CLIPS

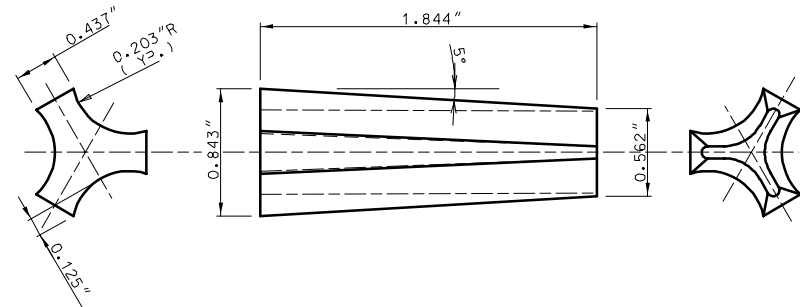


⑥ CABLE HOOK BOLT AND NUT

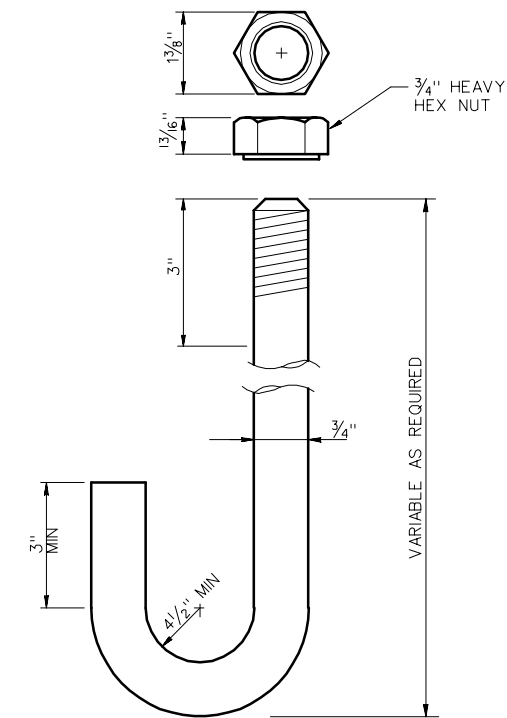


NOTE:  
FITTING SPLICE SHALL DEVELOP THE FULL  
STRENGTH OF THE CABLE (25,000 LB.).

CABLE SPLICE



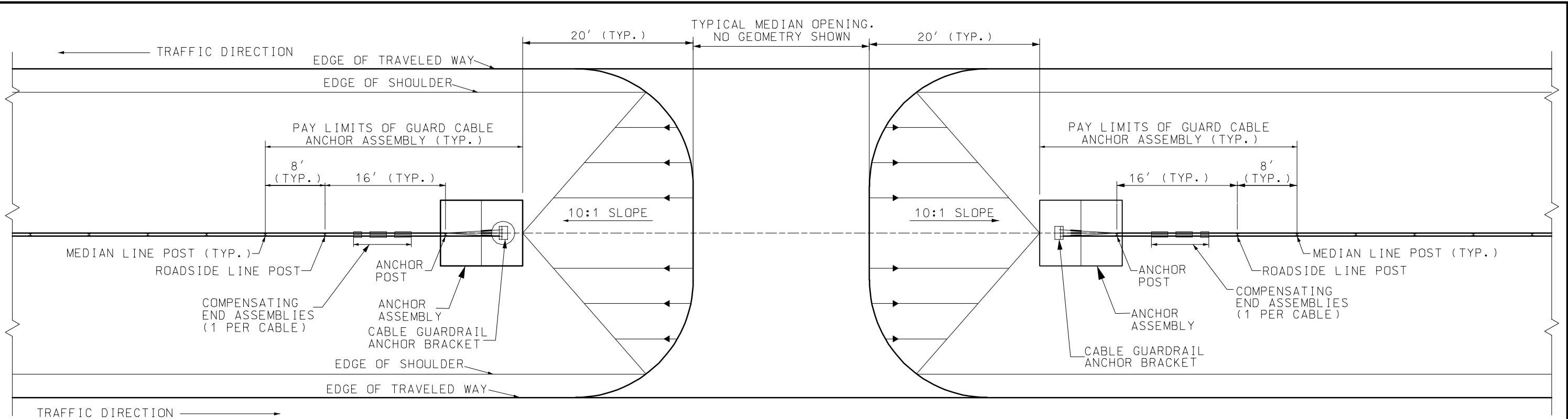
CABLE ANCHOR WEDGE



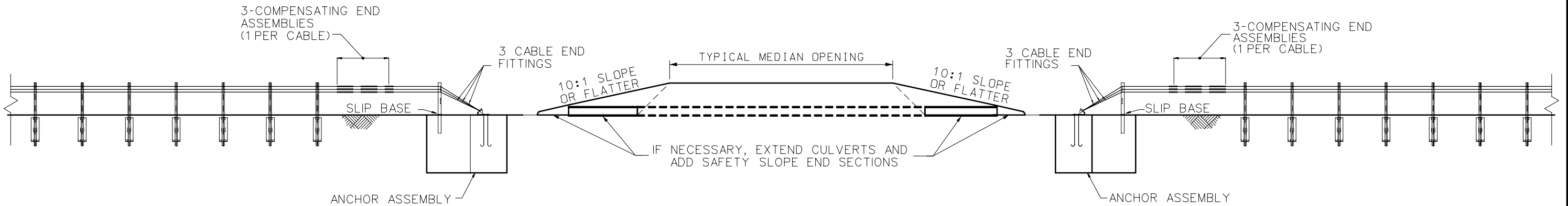
⑦ 25" HOOKED ANCHOR BOLT AND NUT

GENERAL NOTES:  
AT ALL LOCATIONS WHERE THE CABLE IS CONNECTED TO A CABLE SOCKET WITH A WEDGE TYPE CONNECTION, ONE WIRE OF THE WIRE ROPE SHALL BE CRIMPED OVER THE BASE OF THE WEDGE TO HOLD IT FIRMLY IN PLACE.  
THE SPECIFICATIONS AND DIMENSIONS OF ALL HARDWARE AND FITTINGS SHALL COMPLY WITH AASHTO-AGC-ARTBA JOINT TASK FORCE 13 REPORT, A GUIDE TO STANDARDIZED HIGHWAY BARRIER HARDWARE.

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
THREE-STRAND GUARD CABLE			
DATE: _____	EFFECTIVE: 01-01-2005	606.41J	5/6



PLAN



PROFILE

MISSOURI HIGHWAYS AND TRANSPORTATION COMMISSION			
		<b>THREE-STRAND GUARD CABLE</b> TRANSITION AT MEDIAN OPENING	
DATE: _____	EFFECTIVE: 01-01-2005	606.41J	<div>6</div> <div>6</div>